A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01J21/06 B01J B01J23/66 C07D301/10 B01J23/50 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) B01J C07D IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to daim No. Citation of document, with indication, where appropriate, of the relevant passages Category : US 2 593 097 A (BURT JANET T ET AL) 1-7,23,X 15 April 1952 (1952-04-15) column 1, line 1 - line 7 column 2, line 11 - line 21 column 2, line 33 - line 46 claims 1-3 1-24 US 5 145 824 A (BUFFUM JOHN E ET AL) X 8 September 1992 (1992-09-08) cited in the application abstract column 7, line 13 - column 8, line 23 tables 4-6 examples J.O.R-W Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 13/01/2005 28 December 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

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